

ETHYLENE TRIMERIZATION CATALYST AND METHOD FOR TRIMERIZING ETHYLENE USING THE SAME

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Abstract of JP2002066329

PROBLEM TO BE SOLVED: To efficiently produce 1-hexene from ethylene with high selectivity.

SOLUTION: A catalyst is used comprising a chromium complex with a coordinated neutral multidentate ligand having a tripod type structure represented by the formula: $ACrB_n$ (where (n) is an integer of 1-3; A is the neutral multidentate ligand having a tripod type structure; Cr is a chromium atom; and B is one or more selected from the group comprising a hydrogen atom, halogen atoms and linear or branched alkyl groups), an alkyl-metal compound and an amine compound or an amido compound.

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